

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF THE CLAIMS**

1. (currently amended) A monitoring system for monitoring a fluid circulation system in a reprocessor apparatus for microbially deactivating devices, wherein the fluid circulation system includes at least one connection with a device being microbially deactivated, said monitoring system comprising:

pressure sensing means for sensing the pressure of fluid flowing through the fluid circulation system, said pressure sensing means generating an electrical signal indicative of the sensed pressure;

a controller, responsive to the electrical signal, for determining whether the sensed pressure is indicative of an improper connection with the device being microbially deactivated, wherein said sensed pressure associated with an improper connection with the device is lower than a pressure value associated with a proper connection with the device; and

a display unit for displaying a graphic indicating a location in the reprocessor apparatus where the improper connection with the device has been detected, wherein said graphic includes a visual indicator providing information for correcting the improper connection.

Claims 2-3 (canceled)

4. (previously presented) A monitoring system according to claim 1, wherein said display unit displays information associated with the type of device being microbially deactivated by said reprocessor apparatus.

5. (original) A monitoring system according to claim 1, wherein said monitoring system further comprises an input unit for entering data into said controller.

6. (original) A monitoring system according to claim 5, wherein said input unit allows input of information for selecting the type of device being microbially deactivated by said reprocessor apparatus.

7. (previously presented) A monitoring system according to claim 1, wherein said controller determines at least one connection with a selected device that is required for the reprocessor apparatus to microbially deactivate the selected device, and compares the pressure sensed by the pressure sensing means to a predetermined pressure indicative of a proper connection for microbial deactivation of the selected device.

8. (previously presented) A monitoring system according to claim 1, wherein said monitoring system further comprises an alarm for generating an audible signal alerting the operator to an improper connection with the device.

Claim 9 (canceled)